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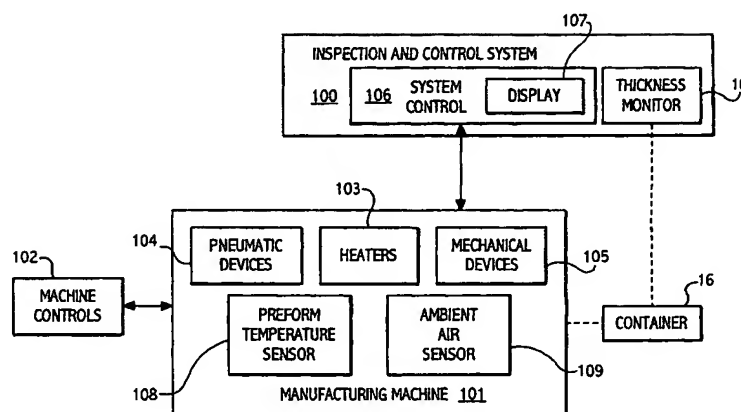
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(54) Title: **CONTAINER MANUFACTURING INSPECTION AND CONTROL SYSTEM**



(57) Abstract: A system and a method for controlling a container manufacturing machine include a thickness monitor (10) for determining an average wall thickness of containers produced by the machine. The system uses the average wall thickness to adjust machine control to change operation of the machine and adjust the quality of the containers being produced. The system also responds to feedback from pneumatic devices (104), heaters (103), mechanical devices and temperature sensors (108, 109) to determine corrections to be made to the machine operation.